



HPNS BCT Meeting



Parcel B Mercury in Groundwater at IR-26



FINAL
HUNTERS POINT SHIPYARD
PARCEL B, IR-26 TIME CRITICAL REMOVAL ACTION
REMOVAL ACTION CLOSEOUT REPORT

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Prepared for:

U.S. Department of the Navy
NAVFAC Southwest
Base Realignment and Closure
Program Management Office West
1455 Frazee Road, Suite 900
San Diego, California 92108-4310



Prepared by:

Insight Environmental, Engineering and Construction, Inc.
Sacramento, California





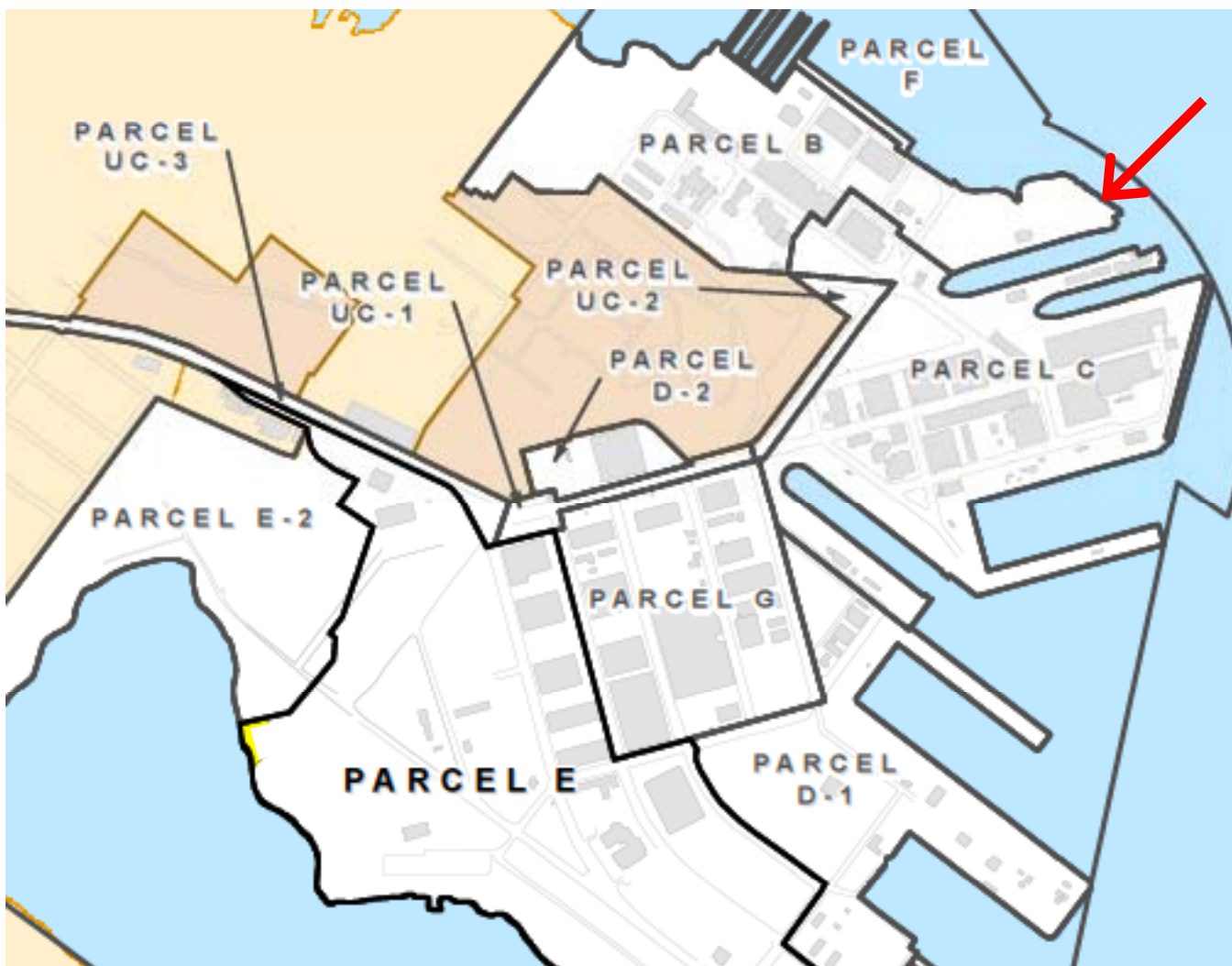
Overview

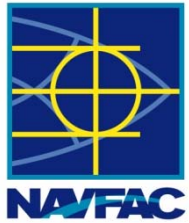


- Initial comment from EPA 1-23-13 with concern that mercury concentrations may be increasing at IR-26
 - Request for concentration trend graphs
 - Navy forwarded map of the area and graphs for wells IR26MW49A and IR26MW51A
- Goal for today is more in-depth discussion

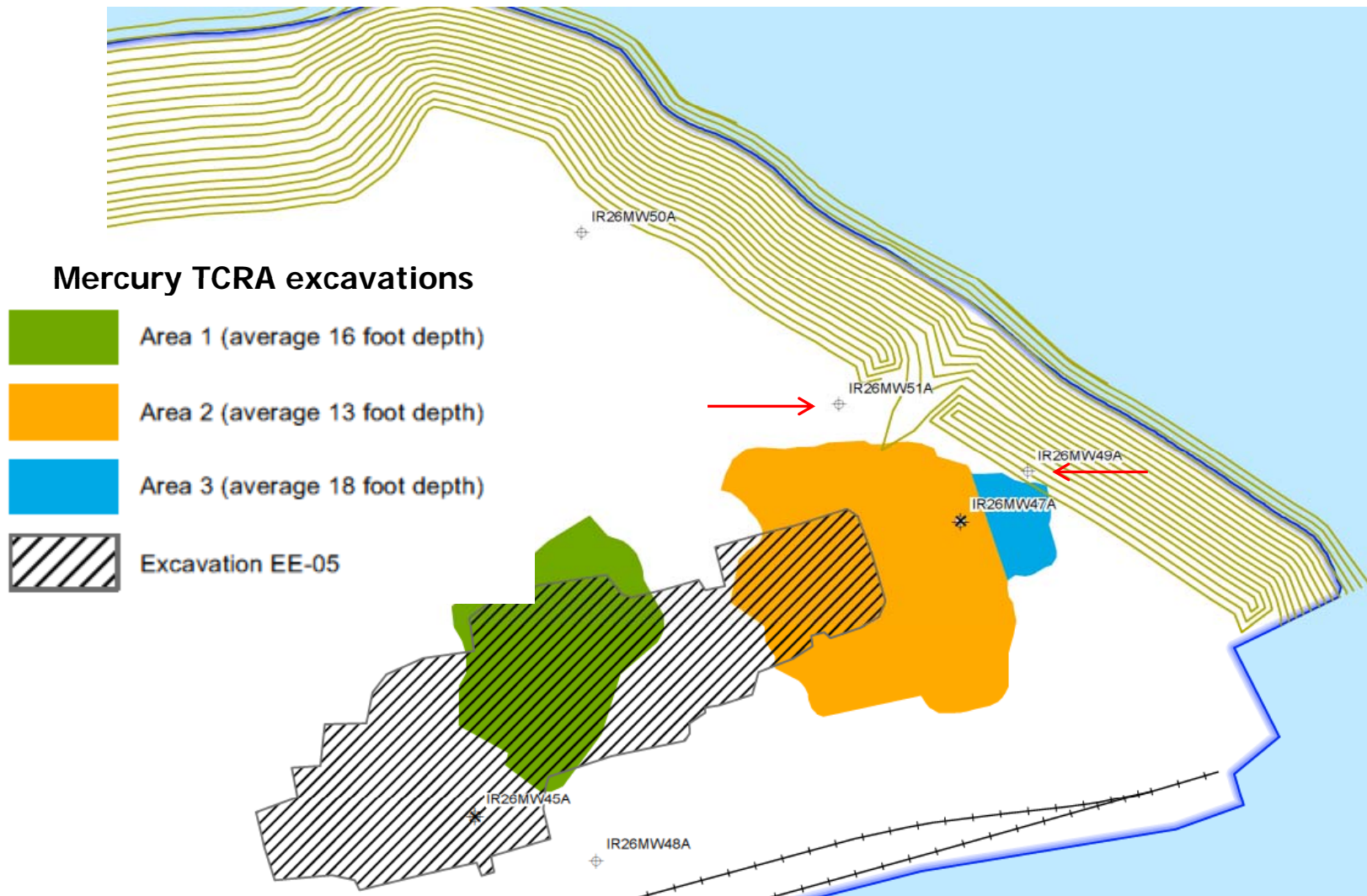


Location of IR Site 26



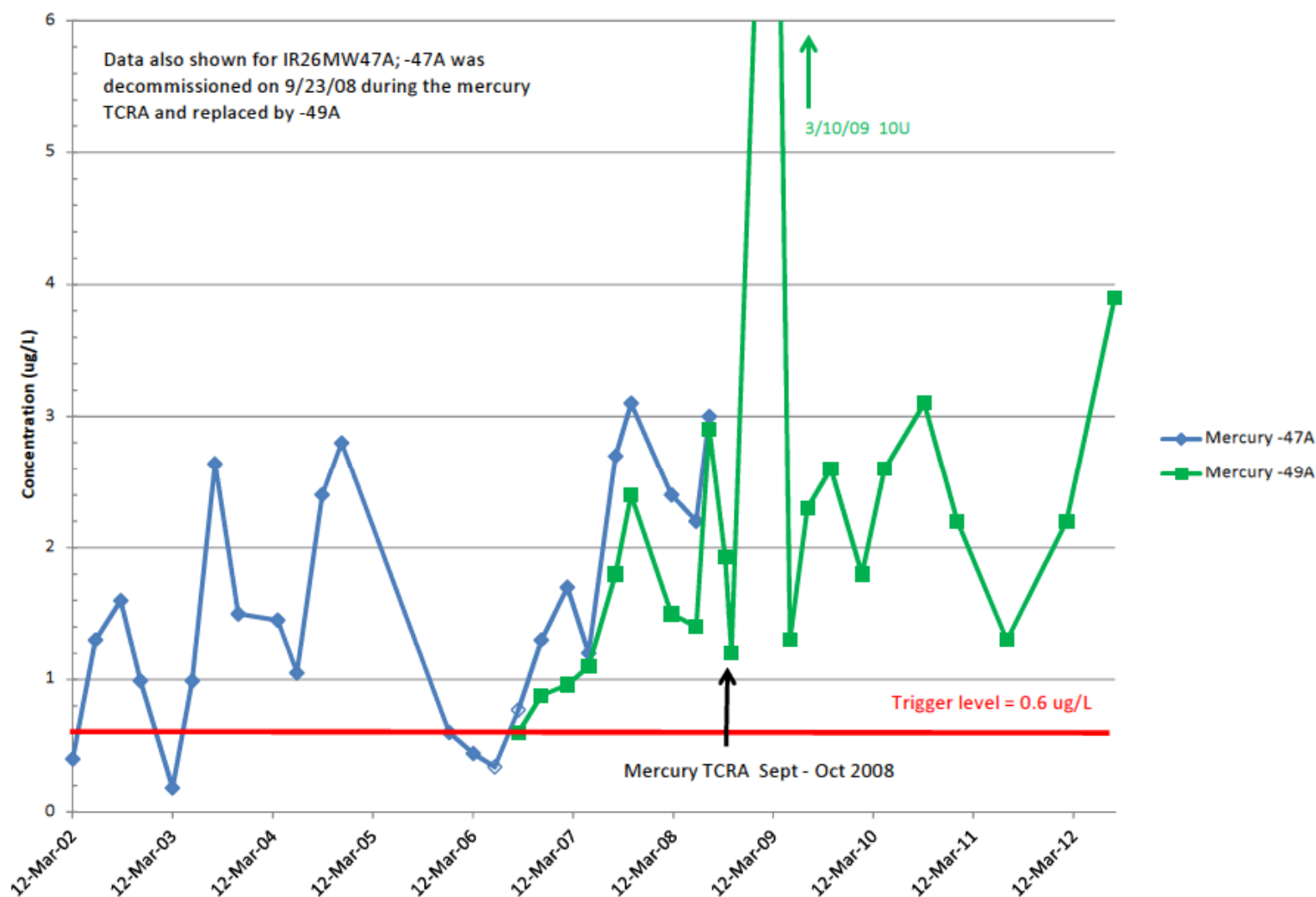


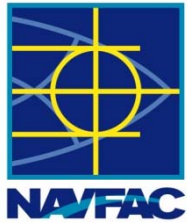
Detail of IR Site 26



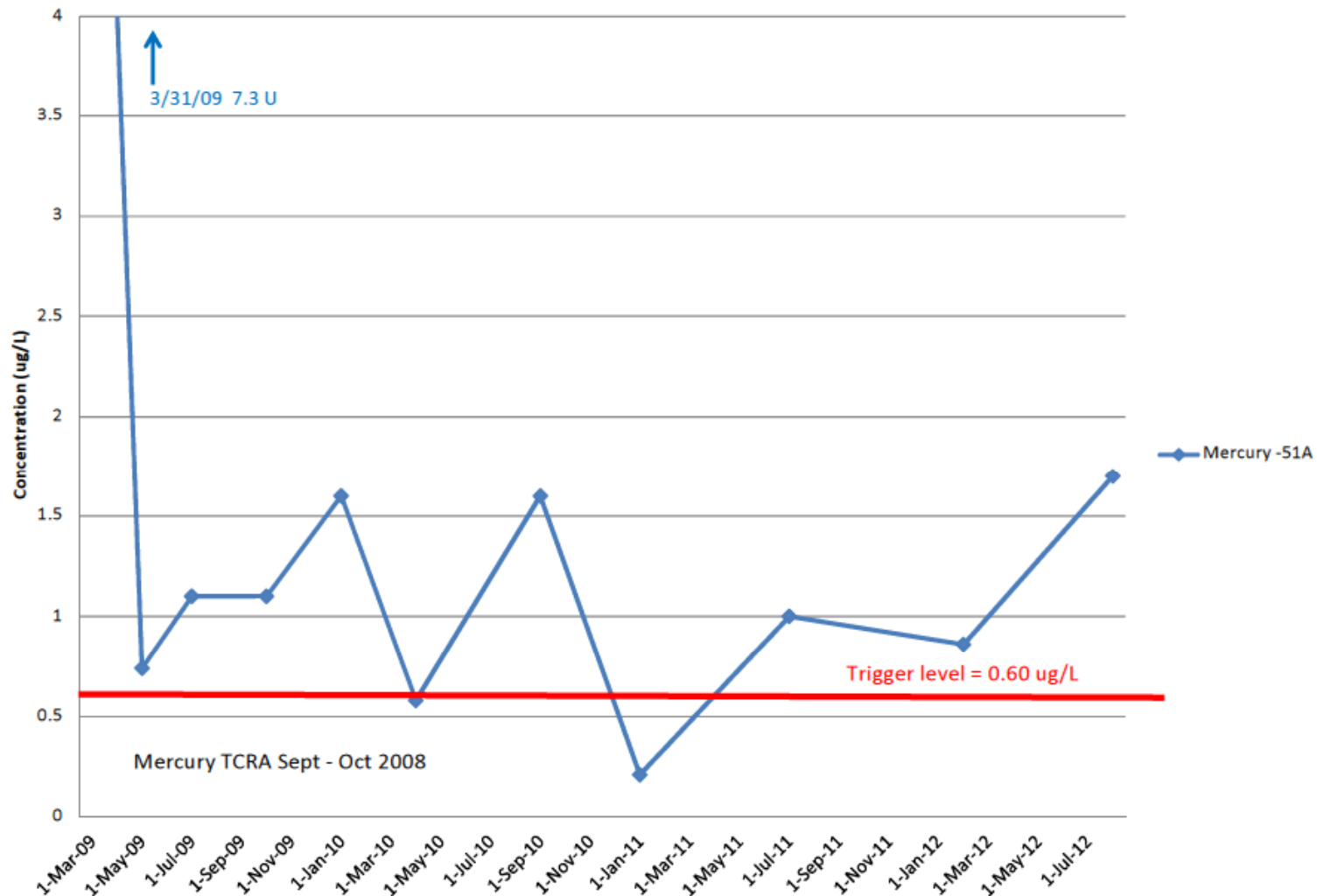


IR26MW49A Mercury Concentrations





IR26MW51A Mercury Concentrations





Maps from Mercury TCRA Report



- Maps from the Mercury TCRA report follow.

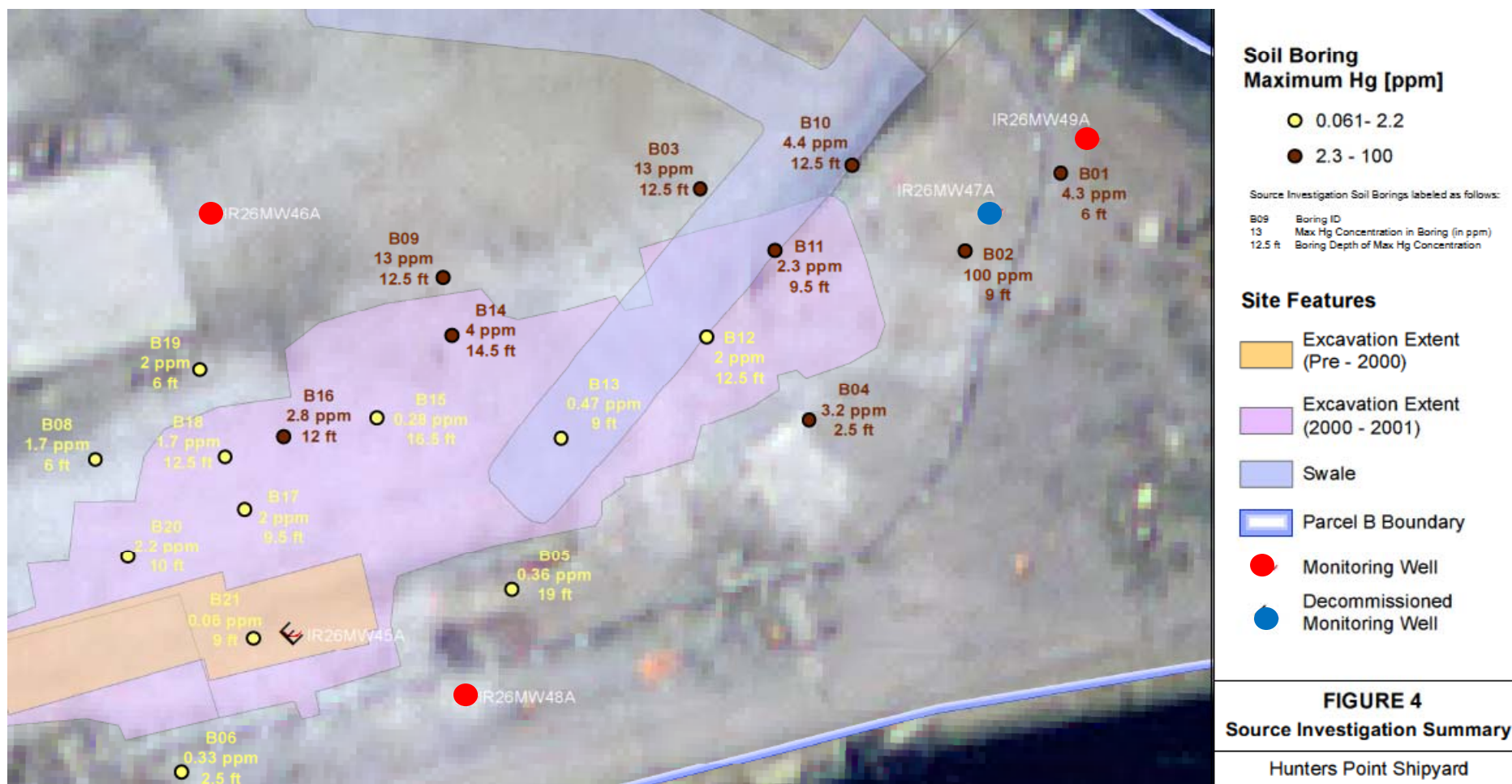


Mercury Conc. at 10' bgs in EE-05



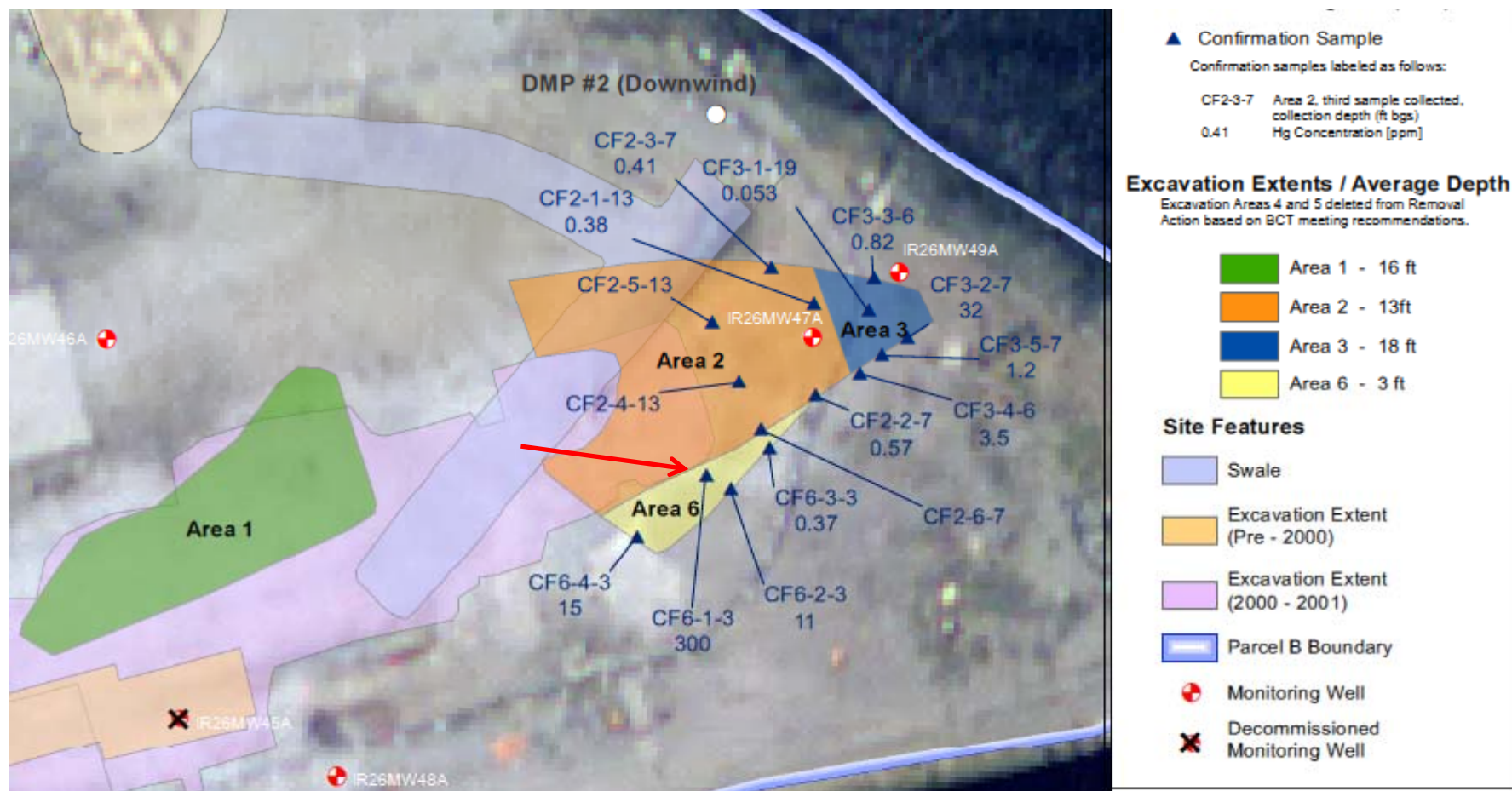


Source Investigation Data Summary





Stage 1 Excavation Extents





Final Excavation Extents

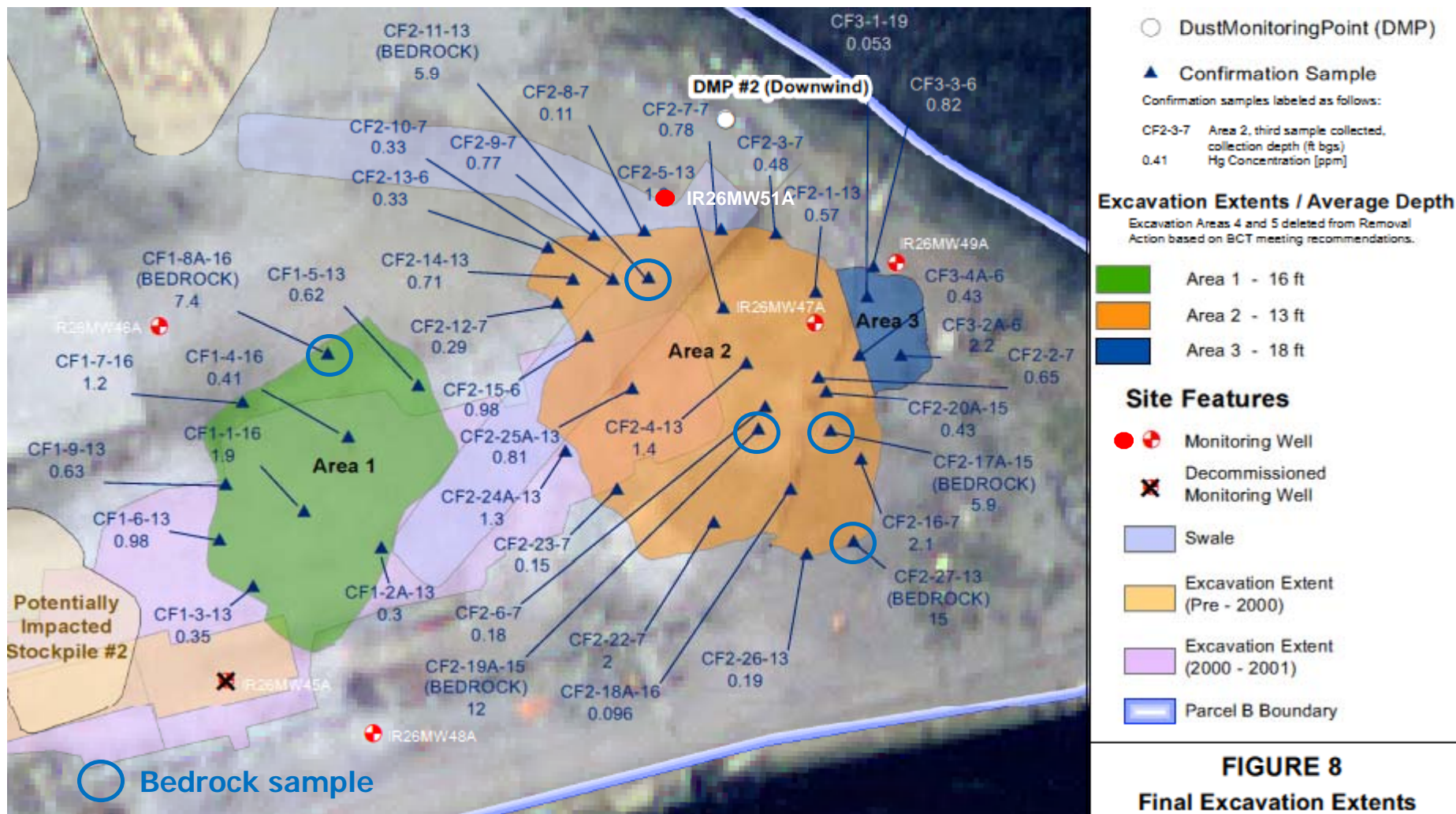


FIGURE 8
Final Excavation Extents



Mercury Concentrations at Nearby Wells



IR26MW46A				IR26MW50A			
	mercury				mercury		
12/19/2005	0.2	UJ	ug/l	8/24/2006	0.11	U	ug/l
3/13/2006	0.4	U	ug/l	11/16/2006	0.12	U	ug/l
5/9/2006	0.11	U	ug/l	2/22/2007	0.2	U	ug/l
8/24/2006	0.079	U	ug/l	5/8/2007	0.2	U	ug/l
11/16/2006	0.2	U	ug/l	8/14/2007	0.099	J	ug/l
3/1/2007	0.2	U	ug/l	10/10/2007	0.091	U	ug/l
5/3/2007	0.2	U	ug/l	3/5/2008	0.089	U	ug/l
8/14/2007	0.2	U	ug/l	4/15/2008	0.082	J	ug/l
10/10/2007	0.2	U	ug/l				
3/5/2008	0.064	U	ug/l				
6/3/2008	0.2	U	ug/l				
IR26MW48A							
	mercury						
12/19/2005	0.092	UJ	ug/l				
3/14/2006	0.068	U	ug/l				
5/30/2006	0.065	U	ug/l				
8/23/2006	0.096	U	ug/l				
12/8/2006	0.22	U	ug/l				
2/22/2007	0.2	U	ug/l				
5/8/2007	0.2	U	ug/l				
8/14/2007	0.2	U	ug/l				
10/10/2007	0.2	U	ug/l				
3/5/2008	0.2	U	ug/l				
4/15/2008	0.2	U	ug/l				



Potential Paths Forward



- Options to consider:
 - Additional remediation within the alternatives included in the amended ROD:
 - Additional excavation
 - Injection of organo-sulfur compound to immobilize mercury
 - Continued monitoring to evaluate whether there truly is an increasing trend in groundwater concentrations
- Additional remediation might not be effective in lowering groundwater concentrations.